

20020709.qrp v02_n611.qrl.20020709

Date: Tue, 9 Jul 2002 19:03:03 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2611

QRP-L Digest 2611

Topics covered in this issue include:

- 1) [129411] Re: Working with 450 Ladder line?
by John Seboldt <k0jd-l@seboldt.net>
- 2) [129412] Ten Tec artificial ground tuner kit coil detail
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 3) [129413] Re: Working with 450 Ladder line?
by "Mike Yettsko" <myetsko@insydesw.com>
- 4) [129414] 2002 TAC Results
by "Ron Polityka" <wb3aal@fast.net>
- 5) [129415] Re: Working with 450 Ladder line?
by "ss lyon" <sslyon@megalink.net>
- 6) [129416] QST, QEX
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 7) [129417] Ten -Tec filters
by Pete Burbank <plburbank@kih.net>
- 8) [129418] Ten-Tec filter specifications
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 9) [129419] The end fed 10m wire
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 10) [129420] Re: Virtual Morse key
by "Brice D. Hornback" <bdh@cyberbound.net>
- 11) [129421] Re: Working with 450 Ladder line?
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [129422] rain proofing ladder line
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 13) [129423] FOX N0RC Final Log
by "Rod N0RC" <rod@n0rc.us>
- 14) [129424] Re: rain proofing ladder line
by "George, W5YR" <w5yr@att.net>
- 15) [129425] External Speaker
by "Tom" <thom2@worldnet.att.net>
- 16) [129426] Re: rain proofing ladder line
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 17) [129427] Re: Ten-Tec filter specifications
by K5BDZ@aol.com
- 18) [129428] OT: DX-pedition to Western Egypt
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 19) [129429] FS - resistors

- by n5ib@juno.com
- 20) [129430] Re: rain proofing ladder line
by WE7X@aol.com
- 21) [129431] Re: rain proofing ladder line
by WE7X@aol.com
- 22) [129432] Looking for N9NE, Todd
by "Tony Parks" <robert.parks11@gte.net>
- 23) [129433] FS: 2 OHR Spirits (30m+20m)
by timcook@erinet.com
- 24) [129434] ARRL.NET Scam
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [129435] Amazing!
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [129436] Small crystals
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 27) [129437] Re: FS: 2 OHR Spirits (30m+20m)
by timcook@erinet.com
- 28) [129438] Re: Amazing!
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 29) [129439] Re: The end fed 10m wire
by Bruce Muscolino <w6toy@erols.com>
- 30) [129440] Re: ARRL.NET Scam
by "Michael Melland" <w9wis@charter.net>
- 31) [129441] confessions of a hacker - the saga continues
by David Hinerman <WD8CIV@worldnet.att.net>
- 32) [129442] Re: ARRL.NET Scam
by David Hinerman <WD8CIV@worldnet.att.net>
- 33) [129443] OT - Handling Spam
by Jim Campbell <jim-c@nc.rr.com>
- 34) [129444] QRP-L part
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [129445] FS:Icom AH4 auto tuner
by k8ff@juno.com
- 36) [129446] Fox - Summer Hunt Teams.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 37) [129447] Re: OT - Handling Spam
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 38) [129448] Re: [psk31] Special Event Station on Next Sunday
by W2AGN <w2agn@w2agn.net>
- 39) [129449] Re: OT - Handling Spam
by "Ingo, DK3RED" <dk3red@t-online.de>
- 40) [129450] RE: QRP-L part
by "Tracy Markham" <tracy@bytemark.com>
- 41) [129451] Antenna - NO feedlines
by K5BDZ@aol.com
- 42) [129452] NEQRP SSB NET tonight Tuesday 07:30PM EDST 7.287Mhz +- 5Khz
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 43) [129453] For Sale: Ten-Tec Argosy Model 525 HF Transceiver System

by Jim Larsen - AL7FS <AL7FS@arrl.net>
44) [129454] Re: The end fed 10m wire
by Steven Weber <kd1jv@moose.ncia.net>
45) [129455] email spam
by Ray Sills <raysills@1stconnect.com>
46) [129456] Re: Antennas With NO feedlines?
by K5BDZ@aol.com
47) [129457] New Power Supply
by Vernon Berry <vern@sharif-munir.com>
48) [129458] Re: New Power Supply
by David Hinerman <WD8CIV@worldnet.att.net>
49) [129459] Re: Antenna - NO feedlines
by "Karl F. Larsen" <k5di@zianet.com>
50) [129460] Re: [psk31] Special Event Station on Next Sunday
by Ed Lawson <k1vp@grizzly.com>
51) [129461] Re: Antennas With No feedlines
by K5BDZ@aol.com

Date: Mon, 08 Jul 2002 18:12:18 -0500
From: John Seboldt <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [129411] Re: Working with 450 Ladder line?
Message-ID: <5.1.0.14.0.20020708181002.00a03330@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:47 PM 7/7/02 -0700, you wrote:

>One thing I noticed that you may like to consider very
>carefully - especially if you have much rain - is that as soon
>as the ladderline becomes wet, the match goes to the dogs
>and you won't be able to tune up or get out worth a darn.

Funny, this has never been a problem for me. Sure the tuning changes, but never to the point of "not tuning", and no extreme changes in my apparent ability to "get out..."

Our mileage varies, I guess.

John K0JD
Milwaukee

Date: Mon, 8 Jul 2002 18:15:36 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <k0jd-1@seboldt.net>
Cc: <qrp-1@lehigh.edu>
Subject: [129412] Ten Tec artificial ground tuner kit coil detail
Message-ID: <005701c226d5\$5dd86ef0\$4e100a0a@rohredt2000>

John,

It is a like a large rheostat, or pot. It is not a switched coil, note I said the caps are switched, and the coil is tunable continuously within the turns spacing. A wiper bridges two turns, or stops atop one using a notch it has at its end. The core is a large toroid, rated to 200 watts I believe. The wire size is no. 16 gauge. This is the same inductor used in one of their popular tuner models some years back.

The wiper has a flexible conductor that carries the current to the fixed terminal, to allow solid connection. If you saw the recent shorty antenna in QST with the variable toroid at its base, the same kind of idea is used for this larger tunable toroid.

72,
Stuart K5KVH

Date: Mon, 8 Jul 2002 19:17:57 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k0jd-1@seboldt.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129413] Re: Working with 450 Ladder line?
Message-ID: <000e01c226d5\$b3279340\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "John Seboldt" <k0jd-1@seboldt.net>

> At 10:47 PM 7/7/02 -0700, you wrote:
> >One thing I noticed that you may like to consider very
> >carefully - especially if you have much rain - is that as soon
> >as the ladderline becomes wet, the match goes to the dogs
> >and you won't be able to tune up or get out worth a darn.
>
> Funny, this has never been a problem for me. Sure the tuning changes,

but

> never to the point of "not tuning", and no extreme changes in my
apparent
> ability to "get out..."
>
> Our mileage varies, I guess.
>
> John K0JD

Hmm, I have to agree with John. I'm using 300 twinlead, and if it's
raining
I DO see a 'difference', but it's hardly a change that prevents me from
getting out. In most cases, it's minor enough that I don't even retune.

Mike

Date: Mon, 8 Jul 2002 19:37:18 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@lehigh.edu>,
". NJ QRP-L" <njqrp@njqrp.org>
Subject: [129414] 2002 TAC Results
Message-ID: <000c01c226d8\$66ae8520\$63615cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Well the final results are in for the 2002 TAC (Telephone Area Code)
Contest.

Check out www.n3epa.org/ for the results.

We only had 18 entries including the club station for the EPA QRP Club. Now
the big decision is if there will be a 2003 TAC Contest.

72 & Good DXing

Ron Polityka
de N3EPA
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv

www.n3epa.org/

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Mon, 8 Jul 2002 19:42:25 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129415] Re: Working with 450 Ladder line?
Message-ID: <015101c226d9\$1cef51c0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen both situations: major de-tuning and minor de-tuning. My applications frequently involve long runs (currently 270+ ft) and hi array antennas. As a generalization I'd say that the longer the run and higher the Q (narrow bandwidth) of the antenna system, the more you'll see de-tuning. I now build my own 'low profile' 600 ohm ladderline and have negligible de-tuning even with ice/snow loading. (LOBSTERCON folks saw some examples)

Commercial "Window Line" is really a drag on long runs here in northern winters, (above 44th parallel) where a whole heap of snow/ice can build weight to the point of ripping the stuff right off the house, antenna and supports -not to mention de-tuning!

I'll have time soon to put up a web site with pix of the HB Ladderline, Kite Antennas, etc.

72
AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, July 08, 2002 7:17 PM
Subject: Re: Working with 450 Ladder line?

>
> ----- Original Message -----
> From: "John Seboldt" <k0jd-1@seboldt.net>
>
>
> > At 10:47 PM 7/7/02 -0700, you wrote:
> > >One thing I noticed that you may like to consider very
> > >carefully - especially if you have much rain -

Date: Mon, 8 Jul 2002 18:57:05 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Roy Walker" <g0tak@thersgb.net>
Cc: <qrp-1@lehigh.edu>
Subject: [129416] QST, QEX
Message-ID: <007201c226db\$29c93260\$4e100a0a@rohredt2000>

These two Q signals were derived by ARRL, QST: first for their magazine title, and for bulletins of interest to all hams from W1AW, and means, "calling all amateur Radio Operators".

QEX, is the title of their experimenter's magazine, the more technical and edge of the art work, Q EX as in experimenter, see?

72, Stuart K5KVH

Date: Mon, 08 Jul 2002 19:56:26 -0400
From: Pete Burbank <plburbank@kih.net>
To: qrp-1@lehigh.edu
Subject: [129417] Ten -Tec filters
Message-ID: <5.0.2.1.0.20020708194335.00a925a0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

An article by WB3JZO in Nov 1986 QST states that the filter CF was actually 9.0015. I don't know whether this is true or not. Just checked an old 2.1 filter from the junkbox but could not see any stamped numbersonly 8153 printed on top in ink....guess that's a part number ...curious :-)
73 Pete NV4V ps this was for the Argosy.

Date: Mon, 08 Jul 2002 16:30:02 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [129418] Ten-Tec filter specifications
Message-ID: <3D2A2E8A.8BD1AEE9@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

> An article by WB3JZO in Nov 1986 QST states that the filter CF was
> actually 9.0015.

	217	218	219	220
Center Freq	9.000750	9.00150	9.000750	9.00150
6 db BW	500	1800	250	2400
No. of poles	8	8	6	8
Shape factor	2:1	1.8:1	2.4:1	1.7:1
Ult Rej dB	90+	90+	85+	90+
Zin-Zout ohms	200	200	200	200
Insertion loss	7.5	2.0	10.0	2.2

per Ten-Tec Instruction Sheet Pt. No. 74089

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Mon, 8 Jul 2002 19:35:11 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
Cc: <qrp-l@lehigh.edu>
Subject: [129419] The end fed 10m wire
Message-ID: <00b401c226e0\$7bd23a20\$4e100a0a@rohredt2000>

My first antenna was slightly longer than the 10m wire so described in RSGB.
But it had a bend to fit available support, thus I would say its effective
length was about 10m, or 30 feet, and maybe less.

This is the antenna that would not get me out of town. I had terrible earth ground conditions, desert and bad RF impedance, (sand).

The angle of take off was all wrong, and with only 10m you are so close to your station and earth, unless you get up on an elevated location for the rig, that I doubt it would work as easily as a good simple half wave dipole, one even put up as a sloper, with only one high support.

Low elevation of end fed wires keeps them from being a competitive antenna, when they are less than quarter wave long at the frequency of use.

Now if you can get a half wave of wire up, you can use a simple LC tuner such as the various types wound on 35mm film canisters (plastic) or on pill bottles, with simple APC type padder capacitor, or old transistor radio tuning cap. This length allows one to go for more elevation, and getting the wire up where it can do some good free of local ground clutter of conductors.

With more length, the results will be much more satisfying.
We are going to be discussing this at the Summerfest Ham Convention in Austin, the first weekend of Aug. Look for further program announcements.

72,
Stuart K5KVH

Date: Mon, 08 Jul 2002 19:39:51 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: qrp-1@lehigh.edu
Subject: [129420] Re: Virtual Morse key
Message-ID: <01a201c226e1\$22f87300\$6501a8c0@lwrnce01.in.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Speaking of the Evaluation Board... STRANGE thing happened today! I received an email advertisement from Parallax (BASIC Stamp people) advertising the ADXL202EB! Here's a link to the page with .pdf docs on how to use it, etc.

http://www.parallaxinc.com/html_files/component_shop/ICs.asp

73/72/71! de Brice KA8MAV

----- Original Message -----

From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 08, 2002 10:06 AM
Subject: Re: Virtual Morse key

> I also HIGHLY recommend the Evaluation Board (ADXL202EB). That little
chip
> is VERY tiny and the Eval Board brings them out to a standard header which
> makes it a LOT easier to "play" with. I use these on all my robots for
tilt
> and acceleration sensors so when one of the wheeled bots starts climbing
up
> a wall while going down a hall way it knows it. For \$29.95 you can't beat
> it. However... if you don't want to get the eval board... I have used
wire
> wrap wire and carefully soldered "leads" to the chip (using a 10X loupe)
and
> then soldered the wires into a 8-pin DIP socket. I have also completely
> freeformed one as well. They are LOTS of fun and VERY easy to use. I
have
> BASIC Stamp 2 code available if anyone is interested.
>
> Image of the ADXL202E chip (It's the tiny one.)
> http://www.analog.com/productSelection/images/ADXL202E_cerpak_vs_penny.jpg
>
> Here's a link to the Evaluation Board datasheet:
>
<http://www.analog.com/techSupport/designTools/evaluationBoards/downloads/ADXL202EB.pdf>
> L202EB.pdf
>
> Enjoy!
> 73/72/71! de Brice KA8MAV
>
>
> ----- Original Message -----
> From: "Leon Heller" <leon_heller@hotmail.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, July 08, 2002 9:25 AM
> Subject: Virtual Morse key
>
>
> > I mentioned this idea a couple of weeks ago. I've now got a couple of
> > ADXL202JE accelerometer samples, thanks to ADI, and have put one of them
> on
> > a little SM PCB (0.800" by 0.775") that could be attached to a finger,
and
> > powered it with about 3V from a couple of AAA cells. I've checked the X

> and
> > Y outputs with a scope whilst waving it around, and it's working OK,
with
> > the two pulse stream duty cycles varying as the acceleration changes.
> >
> > The PCB could be made very much smaller, possibly the same area as the
> > accelerometer chip itself (5 mm sq.), with hybrid construction
techniques,
> > for use in virtual reality applications. I wouldn't like to assemble it,
> my
> > 60 year old eyes had enough trouble with the present version. 8-(
> >
> > The next thing to be done is to interface it to one of my Atmel AVR
> > prototyping systems and convert the pulse streams into numbers I can
> output
> > to a PC via an RS-232 link. Recognising dots and dashes shouldn't be too
> > hard, as people are using them for gesture recognition, such as ASL,
which
> > is much more complex. Some form of 'finger spelling', like the Graffiti
> > system used in the Palm PDAs, might be feasible, with a single unit. It
> > could make an interesting peripheral for my Palm IIIx, although I'd
> probably
> > get some funny looks whilst waving one of my hands around to create the
> > characters.
> >
> > These chips should be quite cheap as they are used in millions by car
> > manufacturers for air-bag systems. Because of this they should also be
> very
> > reliable and robust.
> >
> > I can make the schematic and PCB details available to anyone else who is
> > interested in playing with these things. ADI has lots of applications
> info.
> > here:
> >
> > <http://www.analog.com/technology/mems/accelerometers/library.html>
> >
> > 73, Leon
> > --
> > Leon Heller, G1HSM
> > leon_heller@hotmail.com
> > http://www.geocities.com/leon_heller
> >
>

Date: Mon, 8 Jul 2002 18:56:10 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Seboldt <k0jd-l@seboldt.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129421] Re: Working with 450 Ladder line?
Message-ID: <Pine.LNX.4.44.0207081854540.3872-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Move to our desert during a Drought as we now have... you will need to water your 450 ohm line to see any change.

On Mon, 8 Jul 2002, John Seboldt wrote:

> At 10:47 PM 7/7/02 -0700, you wrote:
> >One thing I noticed that you may like to consider very
> >carefully - especially if you have much rain - is that as soon
> >as the ladderline becomes wet, the match goes to the dogs
> >and you won't be able to tune up or get out worth a darn.
>
> Funny, this has never been a problem for me. Sure the tuning changes, but
> never to the point of "not tuning", and no extreme changes in my apparent
> ability to "get out..."
>
> Our mileage varies, I guess.
>
> John K0JD
> Milwaukee
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 8 Jul 2002 19:50:17 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <dave@redhotradio.com>
Cc: <skydive@usa.net>, <qrp-l@lehigh.edu>
Subject: [129422] rain proofing ladder line
Message-ID: <00d401c226e2\$9820b560\$4e100a0a@rohredt2000>

Dave, you are lucky to live out west where rain storms do not always have thunder boomers casting skybolts at your on air operations! (Such that your post sounds like you can operate in light rain).

However, although I do not advocate operations in storms around here, there is a fix for rain induced tuning changes on parallel lines with plastic insulation.

Johnson's wax can be applied to all sides of the line by first applying it to a car wash mitt, or polish mitt, then pulling the line through a waxed mitt glove on the hand.

I also have considered Rain X spray on, but not sure of its effect on plastics since it is made for car windshield.

At Field Days after rain, we just readjust the tuner slightly and all is well. We do not, (can not) get on when lightning is within 10 miles, thus we have only seen the effect as the water is evaporating off the line.

GL and 72,
Stuart K5KVH

Date: Mon, 8 Jul 2002 18:53:00 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129423] FOX N0RC Final Log
Message-ID: <007d01c226e2\$f9cf9330\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N0RC Fox Run 05-Jul-2002 0200-0400z

Setup: K2@5W, Attic Doublet

0201	NK6A	559	559	CA Don	5W
0204	K5E0A	559	559	LA Wayne	5W
0205	K3IU	559	559	RI Ken	5W
0206	WE9K	599	559	WI Glenn	5W
0207	N1TP	559	559	FL Tom	5W
0208	W3CD	559	559	CA Bob	5W
0210	N9NE	559	559	WI Todd	100mW
0211	K4FB	559	559	FL Paul	5W

0213	K8CV	559	559	MI	Walt	5W
0214	N5IB	559	559	LA	Jim	5W
0218	WA9TZE	559	559	WI	Jim	5W
0218	K0ZK	559	559	ME	Arn	5W
0219	KB9YIG	559	559	IN	Tony	500mw
0224	W7DZN	559	599	NV	Lou	5W
0225	AD6JV	559	559	CA	Bill	5W
0228	W6ABC	559	599	CA	Jack	5W
0229	K8HJ	559	559	OH	John	5W
0230	AJ4AY	339	559	AL	Jay	5W
0232	WB7AEI	559	569	WA	Phil	2W
0233	KC1FB	559	559	CT	Jim	1W
0237	N4ROA	559	559	VA	Dan	5W
0238	VE6EX	559	559	AB	Dan	5W
0239	K4GT	559	559	GA	Jim	5W
0239	N0IT	559	559	MO	Dave	5W
0240	W4NJK	559	559	CA	Charlie	5W
0243	K5BGB	559	579	TX	Rod	5W
0244	WB8RCR	559	449	MI	John	3W
0245	VE3FAL	559	589	ON	Fred	5W
0248	NK9G	559	579	WI	Rick	5W
0250	VE5RC	559	449	SK	Bruce	5W
0252	N5YFC	559	559	LA	Wayne	5W
0252	W9XU	559	599	WI	Lon	5W
0258	KD5AAD	559	559	TX	Mike	5W
0304	AB9CA	559	559	AL	Dave	5W
0306	N3XRV	559	559	PA	Chris	5W
0307	K4BYF	559	559	FL	Jack	5W
0315	WD5RS	559	559	TX	Russ	4W
0317	W0MC	599	599	CO	Jerry	5W
0321	K7IE	559	579	OR	Clair	5W
0325	WV9N	599	559	OH	Randy	5W
0328	KJ6CA	559	559	CA	Bob	5W
0337	K8DD	559	559	MI	Hank	5W
0341	AK7D	559	569	OR	Fred	5W
0343	N5ZE	559	559	TX	Lew	5W
0349	AA4LR	559	559	GA	Bill	5W
0400	N0RC	Fox				
0400	N4DD	Fox				

73, Rod N0RC

Date: Mon, 08 Jul 2002 20:04:13 -0500
From: "George, W5YR" <w5yr@att.net>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129424] Re: rain proofing ladder line
Message-ID: <3D2A368D.43C0DD65@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My first antenna in 1946 was a 20-meter folded dipole made from TV twinlead, the old brown stuff. Even back then, we would slather on a thick coating of Johnson's paste wax to minimize the rain and wetness problems!

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Stuart Rohre wrote:

>
> Dave, you are lucky to live out west where rain storms do not always have
> thunder boomers casting skybolts at your on air operations! (Such that your
> post sounds like you can operate in light rain).
>
> However, although I do not advocate operations in storms around here, there
> is a fix for rain induced tuning changes on parallel lines with plastic
> insulation.
>
> Johnson's wax can be applied to all sides of the line by first applying it
> to a car wash mitt, or polish mitt, then pulling the line through a waxed
> mitt glove on the hand.
>
> I also have considered Rain X spray on, but not sure of its effect on
> plastics since it is made for car windshield.
>
> At Field Days after rain, we just readjust the tuner slightly and all is
> well. We do not, (can not) get on when lightning is within 10 miles, thus
> we have only seen the effect as the water is evaporating off the line.

Date: Mon, 8 Jul 2002 21:25:16 -0400

From: "Tom" <thom2@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129425] External Speaker
Message-ID: <006101c226e7\$7cb2f900\$95dc580c@1xjhu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

The Hints and Kinks section of the July issue of QST had an article on building an external speaker. I was wondering if anyone has any suggestions on building an speaker. I'm not as interested in the box it will go in as much as the circuit design itself, which you may have used.

Thanks in advance for any ideas you may share.

Tom
McCulloch
WB2QDG

Friend of Bill W.

--- If you are too, drop me a line.

Date: Mon, 8 Jul 2002 19:06:58 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <rohre@arlut.utexas.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129426] Re: rain proofing ladder line
Message-ID: <001101c226ed\$4f41c450\$8514f4d8@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I've made one observation about 450 Ohm ladder line and rain. If it's a light sprinkle, it tends to unbalance the line and cause havoc with your SWR, but once the line is dripping wet, the balance seems to come back and the SWR settles down. Luckily, our rainy season is fairly short here in Southern CA, but I'd like to hear how guys up in say Seattle where it rains a lot get on with it.

73's Trev KG6CYN

----- Original Message -----

From: "Stuart Rohre" <rohrer@arlut.utexas.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, July 08, 2002 5:50 PM

Subject: rain proofing ladder line

> Dave, you are lucky to live out west where rain storms do not always have
> thunder boomers casting skybolts at your on air operations! (Such that
your
> post sounds like you can operate in light rain).
>
> However, although I do not advocate operations in storms around here,
there
> is a fix for rain induced tuning changes on parallel lines with plastic
> insulation.
>
> Johnson's wax can be applied to all sides of the line by first applying it
> to a car wash mitt, or polish mitt, then pulling the line through a waxed
> mitt glove on the hand.
>
> I also have considered Rain X spray on, but not sure of its effect on
> plastics since it is made for car windshield.
>
> At Field Days after rain, we just readjust the tuner slightly and all is
> well. We do not, (can not) get on when lightning is within 10 miles, thus
> we have only seen the effect as the water is evaporating off the line.
>
> GL and 72,
> Stuart K5KVH
>
>
>

Date: Mon, 8 Jul 2002 22:11:15 EDT

From: K5BDZ@aol.com

To: AL7FS@arrl.net, qrp-1@lehigh.edu

Subject: [129427] Re: Ten-Tec filter specifications

Message-ID: <fe.1a67fb8a.2a5ba043@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 07/08/2002 7:36:50 PM Central Daylight Time,

AL7FS@arrl.net writes:

> Pete Burbank wrote:
> > An article by WB3JZO in Nov 1986 QST states that the filter CF was
> > actually 9.0015.
Thanks Jim and Pete

Now all we need are the values of each of the capacitors for each 9.0015 MHz filter, and abbbbbbra - Ka- Dabbra we have us a new subject.

Bill K5BDZ

Date: Mon, 8 Jul 2002 20:35:17 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129428] OT: DX-pedition to Western Egypt
Message-ID: <002401c226f9\$a7726740\$9441cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not many of us are likely to work him from USA -- but there is a DXpedition in one of the rarer countries underway thru July 13th.....40-thru-6m.

For details, check the website: <http://www.qsl.net/su60ww/>

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Mon, 08 Jul 2002 23:49:45 EDT
From: n5ib@juno.com
To: qrp-l@lehigh.edu
Subject: [129429] FS - resistors
Message-ID: <20020708.213945.8631.2.n5ib@juno.com>

I'm filling in a few missing or scarce values in my resistor assortment. I don't want to buy the 200 packs from Mouser, since my resistor drawers won't hold that many neatly - 100 is about the ideal count. So, to take advantage of quantity discount I figured I'd buy them by the thousand in the ammo packs, keep a hundred each for myself, and share the remainder

with nine kindred tinkererers. They'll be 5% carbon film, 1/4 watt, on tape out of the ammo packs, sorted by value.

So, the first nine responses can get 100 each of the 33 values below for \$25, postpaid in USA/Canada. That's \$0.76 per hundred, postpaid. Ordinarily you'd have to buy the packs of 200 from Mouser to get them for \$0.90 per hundred, then add shipping on top of that, costing \$59.40 plus postage for 200 each of the 33 values.

Values I'll be ordering are mostly ones in between the common 10% values:
5.6, 12, 15, 20, 24, 30, 36, 39, 43, 56, 91
180, 200, 220, 360, 430, 820
2.0K, 2.4K, 3.0K, 3.6K, 4.3K
18K, 20K, 24K, 30K, 36K, 43K
200K, 240K, 300K, 360K, 430K

So if you want 'em, e-mail me a reply and I'll send you instructions on how to proceed.

72
Jim N5IB

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<http://dl.www.juno.com/get/web/>.

Date: Tue, 9 Jul 2002 01:41:42 EDT
From: WE7X@aol.com
To: rohre@arlut.utexas.edu, qrp-l@lehigh.edu
Subject: [129430] Re: rain proofing ladder line
Message-ID: <20.2b7920df.2a5bd196@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I guess the moss on my ladder line has a different effect. Mine only radiates toward the South...Maybe if I wax the moss it will have a different radiation pattern.

WE7X

Date: Tue, 9 Jul 2002 01:47:26 EDT
From: WE7X@aol.com
To: kg6cyn@earthlink.net, qrp-1@lehigh.edu
Subject: [129431] Re: rain proofing ladder line
Message-ID: <95.1f206ee5.2a5bd2ee@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/8/02 7:13:31 PM Pacific Daylight Time,
kg6cyn@earthlink.net writes:

<< Hi Gang,

I've made one observation about 450 Ohm ladder line and rain. If it's a light sprinkle, it tends to unbalance the line and cause havoc with your SWR, but once the line is dripping wet, the balance seems to come back and the SWR settles down. Luckily, our rainy season is fairly short here in Southern CA, but I'd like to hear how guys up in say Seattle where it rains a lot get on with it.

>>

Well, that seems to relate very well to my experience, and the moss stays pretty wet, so the radiation to the South would remain fairly consistent.

WE7X

In the hills East of Seattle

Date: Tue, 9 Jul 2002 05:26:01 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129432] Looking for N9NE, Todd
Message-ID: <000b01c22733\$06f91e00\$e135f143@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Todd,

Jason/K0IIN, Gary/NQ7T, Jim /KC1FB and myself are forming an all QRPP 20 meter summer fox hunt team. Is there any possibility we could include you on the team roster? We are needing just one more to have a full team. The team name will be the "p-Shooters."

Thanks,

Tony/KB9YIG

Date: Tue, 9 Jul 2002 05:42:00 -0500 (CDT)
From: timcook@erinet.com
To: qrp-1@lehigh.edu
Subject: [129433] FS: 2 OHR Spirits (30m+20m)
Message-ID: <20020709104200.62BCA3FAD4@nm0.voyager.net>
Content-Type: text/plain
Content-Disposition: inline
Content-Transfer-Encoding: binary
MIME-Version: 1.0

I have 2 OHR Spirits for sale, (30m and 20m). I bought them with the intention of fixing them and using them at our camp, however I recently bought a Ten Tec Omni to use there and no longer need the OHR rigs. Neither one is currently working, the 20m one was working but when the previous owner was aligning it, it stopped working. I do not know the status of the 30m one, I have not tried to fix either one. The OHR Spirit is a superhet design, is in the same cabinet as the OHR-400/500. They both have the Curtis keyer boards installed. The front panels of both are excellent the cases have some scratches on them I have documentation for both. I am selling the pair AS-IS for \$90 + shipping.

Thanks
Tim
NZ8J

Date: Tue, 9 Jul 2002 05:50:30 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [129434] ARRL.NET Scam
Message-ID: <Pine.LNX.4.44.0207090547470.1576-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This morning I got 5 messages addressed to k5di@arrl.net which were mass mailings to lots of arrl.net addresses. I will now turn off that reflector for about 6 months.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 9 Jul 2002 06:14:19 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [129435] Amazing!
Message-ID: <Pine.LNX.4.44.0207090605430.1576-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I went to the ARRL web page and clicked on Scam FAQ and learned a lot. First, NEVER put your email address in the message you send out like I am doing now. That gets picked up.

I brought up google.com and had it search for k5di@arrl.net and it found 3 pages of places with that address! Then I searched for k5di@zianet and found 2 pages of that. They were not from QRP-L but were from sources with lists of QRP-L messages. Also the Silican Valley Linux Group list was shown as a source.

To do this just go to <http://www.google.com> and type in your e-mail address and see if it can find it. You will be surprised.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 9 Jul 2002 08:49:11 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: "HF pack group" <hfpack@yahoogroups.com>,
"Ft817 mail group" <FT817@yahoogroups.com>
Cc: "QRP-L" <qrp-l@lehigh.edu>
Subject: [129436] Small crystals
Message-ID: <6579C6377F475547985F0B3E426E1626140660@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

HI

In looking at a web site for filters for the ft817, I found another item =
of interest to the qrp groups. Try URL:
<http://www.expandedspectrumsystems.com/prod4.html>
for the crystals, for other things see a list of products one level up, =
for the filters see one level up, then down into the page for filters, =
shows a 300HZ, and SSB too.

Marty Hartwell kd8bj
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 9 Jul 2002 08:54:32 -0500 (CDT)
From: timcook@erinet.com
To: timcook@erinet.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129437] Re: FS: 2 OHR Spirits (30m+20m)
Message-ID: <20020709135432.4CF5A3FAD9@nm0.voyager.net>
Content-Type: text/plain
Content-Disposition: inline
Content-Transfer-Encoding: binary
MIME-Version: 1.0

Thanks to all who responded, the OHR Spirits have been spoken for
73
Tim
NZ8J

> I have 2 OHR Spirits for sale, (30m and 20m). I bought them with the
> intention of fixing them and using them at our camp, however I
> recently bought a Ten Tec Omni to use there and no longer need the
OHR
> rigs. Neither one is currently working, the 20m one was working but
> when the previous owner was aligning it, it stopped working. I do
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> know the status of the 30m one, I have not tried to fix either one.
> The OHR Spirit is a superhet design, is in the same cabinet as the
> OHR-400/500. They both have the Curtis keyer boards installed. The
> front panels of both are excellent the cases have some scratches on

> them I have documentation for both. I am selling the pair AS-IS for
> \$90 + shipping.
> Thanks
> Tim
> NZ8J
>
>

Date: Tue, 9 Jul 2002 07:55:54 -0600
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: <k5di@zianet.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [129438] Re: Amazing!
Message-ID: <003901c22750\$5bf75d00\$a200b8d8@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl et. al.,

It is amazing. Try doing a search on your zianet account address as well...3 additional pages on Google.

Unfortunately, as long as those email addresses are on the web, email harvesters will gather them up and use them to send spam. So the only thing you can really do is set up filters, change ISPs about every 6 months or not worry about them and hit the delete key. Quitting the arrl.net service offered by the ARRL will do the trick until spammers begin using your real address that is scattered all over the web as well. It is the internet of today, and there are certain measures that can be taken, but you'll never really stop it. So there's no need to lose sleep over it.

And in my opinion, it is NOT the fault of the fine folks who run this list, or its archives.

72,
Brian, N5ZGT

----- Original Message -----
From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 09, 2002 6:14 AM

Subject: Amazing!

>
> I went to the ARRL web page and clicked on Scam FAQ and learned
> a lot. First, NEVER put your email address in the message you send out
> like I am doing now. That gets picked up.
>
> I brought up google.com and had it search for k5di@arrl.net and
> it found 3 pages of places with that address! Then I searched for
> k5di@zianet and found 2 pages of that. They were not from QRP-L but were
> from sources with lists of QRP-L messages. Also the Silican Valley Linux
> Group list was shown as a source.
>
> To do this just go to <http://www.google.com> and type in your
> e-mail address and see if it can find it. You will be surprised.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
>

Date: Tue, 09 Jul 2002 10:03:15 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129439] Re: The end fed 10m wire
Message-ID: <3D2AED23.616143EB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stuart,

I must respectfully disagree with your most of your premises. From 1982 through 1995 I used a 40 - 45 foot and fed long wire as my only antenna. I know this is slightly longer than 10 meters, but it is close! I had very good success with this antenna! I also know we have had this discussion in private before! Why did I have such good success?

In 1982 I was freshly back from Europe. I wanted to stay on the air. In Maryland I had only my mother's condo to use. It had antenna restrictions. I set about designing an antenna that could be quickly erected and would work for the brief periods of time I would spend there on vacation.

I wrote up this antenna for QST in June 1995, after I had sufficient experience with it. I had gotten tired of hams saying they couldn't get on the air because of antenna restrictions.

I had always let the idea that I was a ham guide me. Hams had always been at the forefront of electronics development, at least when I was a kid! If it weren't for hams we would not be watching the evening news let alone listening to it! Hams solved problems, they didn't take no for an answer!

So I set about looking for an antenna that I could erect quickly and that would work. I knew up front that this would be a compromise antenna. All antennas are, but this would be even more so!

The antenna I ended up with was a short end fed long wire. It was only 40 to 45 feet long. The length depended on luck, and the strength of my slingshot pull! The launching technique took a page from my first job as a wire guided torpedo engineer! I designed a wire coil to hold the antenna and allow it to pay out smoothly when pulled. In short it was quick and easy to put up without raising the interest of the condo police or the neighbors.

And it worked, surprisingly well! One of the first contacts I made with it was a G, on using an HW-8. I used it on vacation until 1994 when I moved back to the DC area and it became my sole antenna. Of course I should say I used its descendants, because the #26 magnet wire it was made from would only last about three weeks in the Maryland winds!

I never got caught by the condo police. Even when it blew down in the spring or summer and I worried about it getting tangled in the lawn mowers, they happily chewed up the magnet wire and went on cutting!

Now, was it a compromise antenna? Most definitely YES! Was it a directional antenna? Most definitely YES, and probably not in the directions I wanted. Did it work? Most definitely YES! Over the period I used it I worked all states and DXCC both at QRO and QRP levels.

What was my secret? Aa recognition that an end fed wire needs a good RF ground. I used this antenna both with resonant counterpoises and also with an artificial ground. Using it with the artificial ground let me tune it up on 80 meters. Yes, before you nitpick, the contacts were

probably NVIS, but they were contacts.

You can allow yourself to dither about putting up an antenna and let others have the fun. Or you can go boldly where no other man has gone! You only have to NOT take no for an answer and learn something about where you live and what antennas may work for you!

73

Date: Tue, 9 Jul 2002 09:25:12 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129440] Re: ARRL.NET Scam
Message-ID: <001a01c22754\$707754c0\$434ea842@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I saw those mailings too..... I have found that one can eliminate lots of unwanted spam by utilizing Ad Aware by Lavasoft. It scans your registry and files for "spy ware" that is placed on your system without your knowledge by marketing companies etc.... often in the form of "cookies" but sometimes more sinister files and scripts. Ad Aware is free and can be downloaded at: <http://www.lavasoftusa.com/>

The first time I ran it it eliminated about 24 "cookies" that had accumulated as well as several programs that had been happily reporting what web sites I visit etc. to owners of marketing companies. Spy Ware is downloaded to your PC just by visiting certain web pages.... especially those offered as free everyone pays in some form, visitors to these sites often pay in loss of privacy. It's amazing how much less spam I get as well. I run the program every week when I update my virus protection.....

It works great and gives some additional piece of mind besides my virus scanner and firewall. Try it and you'll be amazed what it finds hiding on your drive !

73 de Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrp-parci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Tue, 09 Jul 2002 10:31:15 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [129441] confessions of a hacker - the saga continues
Message-ID: <5.1.0.14.1.20020709095942.00a70250@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Last month I wrote about my first attempt at building a resistive antenna bridge inspired by the one Joe Everhart and George Heron use in the Rainbow Antenna Analyzer II. After correcting a bad capacitor, a misadjusted signal generator, and a loose nut at the controls (me), it worked pretty well.

But "better is the enemy of good enough." The signal generator didn't generate enough signal for the diode detectors to give accurate voltages at low levels. Joe & George describe a nifty way around that - op-amp buffers with diodes in the feedback loop to allow more gain in the region where the detector diodes don't conduct much. So I decided to add the buffers to my "working" bridge. Confident yet always suspicious (especially after last month's clusterbomb) I re-tested the bridge with carbon resistors of known value.

And it didn't work. Calculating SWR from the voltages obtained indicated an SWR of 1.4:1 into a 51-ohm resistor. For all the resistor values I tried (from 33 to 120 ohms) the balance detector voltage was much too high.

Since I had added an active device (a quad op-amp, 2 sections used) to the circuit, I assumed that's where the problem was. But everything looked fine. I thought perhaps there was an input offset voltage problem being amplified by the amp itself, but that wasn't it. I thought maybe my bridge resistors (100 ohm, 1-watt metal oxide resistors from Radio Shack) were inductive after all, despite assurances (and some warnings) from the list that they're good enough for HF work.

So I hooked up a 51-ohm resistor, and connected a dual-trace scope to watch the signal at the middle of the reference divider and the signal across the load. On a balanced bridge they should have been identical. But they weren't. The signal across the load was noticeably smaller than the reference (the load was less than 50 ohms), and it was also phase shifted (the load had reactance).

But there was nothing connected to the load port except the 51 ohm resistor, and the cable... uh-oh.

When I had tested the bridge before, when it worked, I used a BNC to binding post adaptor. This time I used a 3 foot cable with a BNC on one end and E-Z hooks on the other. I put the cable on our capacitance meter and it read 100 pF. Pretty significant (227 ohms' worth of significance) at 7 MHz.

So I tried my tests again with the BNC to binding post adaptor, and everything fell right into place. Now my calculated SWR measurements show a worst-case error of 3.5% as opposed to 28% with the cable in place.

Lesson learned: Playing with transmission lines is like dancing on a hammock.

Now, on to the DDS...

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 09 Jul 2002 10:42:10 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [129442] Re: ARRL.NET Scam
Message-ID: <5.1.0.14.1.20020709103619.00a722d0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:25 AM 7/9/2002 -0500, you wrote:

>I saw those mailings too..... I have found that one can eliminate lots of
>unwanted spam by utilizing Ad Aware by Lavasoft. It scans your registry and
>files for "spy ware" that is placed on your system without your knowledge by
>marketing companies etc.... often in the form of "cookies" but sometimes
>more sinister files and scripts. Ad Aware is free and can be downloaded at:
><http://www.lavasoftusa.com/>

Mike,

The first time I encountered active (i.e. not just a cookie) spyware was when my ZoneAlarm caught an application on my computer trying to connect to the Internet. (It happened to be Gator, which is one of the more aggressive Trojan Horse contents. It gets installed with Audiogalaxy Satellite among other programs.)

It's pretty bad when your firewall catches undesirable -outbound- traffic.

Since then I sweep with Ad Aware about every 2 weeks or so. Mostly it cleans out cookies, but every now & then it catches something that sneaked in with a download.

Since I got a new computer with Windows XP (which has security available against incoming connection requests) I haven't installed ZoneAlarm, although I may yet just to catch the Trojans before I get around to sweeping with Ad Aware.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 09 Jul 2002 11:39:58 -0400
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [129443] OT - Handling Spam
Message-ID: <3D2B03CE.2E1EA496@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have found a very effective way for dealing with spam. I now get no more than one or two spam messages a month even though Google shows eight pages of references to my e-mail address.

I use a product called MailWasher. It previews your e-mail on the mail server without deleting it there. You can look at the subject line or even preview the contents. If you decide that a particular message is spam, you mark it for MailWasher to bounce. Bounced messages are sent back to the recipient as if your e-mail address is no longer valid. You can also simply delete the e-mail from the server without ever allowing your e-mail program to see it. Thus no worry about embedded executables.

MailWasher does download the e-mail to your computer. Those of you with

slow speed connections will actually be downloading twice, once for MailWasher and once for your regular e-mail program. However, you can reduce this by telling MailWasher to delete the e-mail on the server if you aren't interested in it. That way, those messages will only be downloaded once.

You can obtain MailWasher from <http://www.mailwasher.net> If you don't register it (\$20) it has a scrolling banner. However, I believe in supporting people who do useful work. I registered my copy. As always, I have no financial interest in MailWasher other than as a satisfied user.

72/73,

Jim
W4BQP

Date: Tue, 9 Jul 2002 09:59:18 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [129444] QRP-L part
Message-ID: <Pine.LNX.4.44.0207090954220.1576-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I checked why QRP-L was listed and it's this:

<http://listserv.lehigh.edu/lists/Archives/qrp-l/0009.html>

and the reason it was selected by Scam Masters is because guys like me put their e-mail address in the message. I have corrected that but it's after the cows are out of the barn. To really fix it I need a new e-mail address and I can get that too. But it is a real problem for my friends.

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 9 Jul 2002 12:12:46 -0400
From: k8ff@juno.com

To: QRP-L@lehigh.edu
Subject: [129445] FS:Icom AH4 auto tuner
Message-ID: <20020709.121253.-621251.0.k8ff@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FS:Excellent condition Icom AH4 tuner designed for use with the IC706 and others \$225 shipped CONUS 73, Wayne K8FF

Date: Tue, 9 Jul 2002 10:13:55 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [129446] Fox - Summer Hunt Teams.
Message-ID: <Pine.LNX.4.33.0207091006550.9022-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...as of July 8th, this is the Teams lineup...

The NE-TX Tornados -

George - W5YR
Doc - W5TB
Eric - NM5M
Don - K5DW
Mike - KD5KXF

The Raiders of the Lost RF -

Rob - VE6JAZ
Dan - VE6EX
Fred = VE3FAL
Earl - VA6RF
Bruce - VE5RC

The Piggie Team -

Jim - KJ0C
Dave - WR50
Randy - W9HL
Wayne - K9DI
Diz - W8DIZ

The Cheeseheads -

Craig - VE4WI
Jim - WA9TZE
Glenn - WE9K
Lon - W9XU
Rick - NK9G

The Cajun Thunder -

Wayne - K5E0A
Jim - N5IB

The Swamp Rats -

ET - N1FN
Doc - K0EVZ

Vern - AA50
Wayne - N5YFC
Tom - AC5JH

Paul - K4FB
Dennis - N4DD
Tom - N1TP

The p-Shooters -
Jason - K0IIN
Gary - NQ7T
Jim - KC1FB
Tony - KB9YIG
and one more

...anymore Teams for the hunt?...you have until the end of the next hunt.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 9 Jul 2002 17:13:58 +0100
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [129447] Re: OT - Handling Spam
Message-ID: <003e01c22763\$a6ab87a0\$7c6886d9@celeron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree with Jim Campbell with regard to Mailwasher being useful but you don't have to download your mail twice. You can usually tell by the "subject" whether it is spam and can bounce the message without looking at the contents. You only download the email with Mailwasher if you actually read the contents of a message. Once you have screened your mail this way you can use your regular e-mail client.

While spammers do harvest email addresses from the web they also save

themselves the bother with something like arrl.net or rs.gb.org.uk or other well known ham ISP's.

It is a simple matter to use a callbook database to send to every ham in the callbook+anyISP. You are simply asking for spam by using this email format. callsign@AOL.com is another big mistake for the same reason.

John.Smith@anywellknownISP.com is probably well fed up by now whereas J.Peasmold.Gruntfuttock@anywellknownISP.com is probably spam free. (That last name will mean something to people who are old enough to remember a certain very old radio show in England).

Choose an address like JohnW3XXX@AOL.com and thus disguise it a bit and don't use simple "mailto"s on your web pages. For those interested, have a look at the "who's who" pages at www.gqrp.com and feel free to steal the javascript code that will confuse most webots looking for email addresses.

Kind regards
Tony - G4WIF

----- Original Message -----

From: "Jim Campbell" <jim-c@nc.rr.com>

> MailWasher does download the e-mail to your computer. Those of you with
> slow speed connections will actually be downloading twice, once for
> MailWasher and once for your regular e-mail program.

Date: Tue, 09 Jul 2002 12:17:05 -0400
From: W2AGN <w2agn@w2agn.net>
To: Stan K8MJZ Barczak <stanbar@modempool.com>,
Lou KV4JC Bean <kv4jc@viaccess.net>,
Cc: Bob WA4ZJR Colby <rtsc1@juno.com>,
Bob KK8DX Dukish <bob@fixtron.com>,
Subject: [129448] Re: [psk31] Special Event Station on Next Sunday
Message-ID: <3D2AD441.4576.53B74C3@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 6 Jul 2002 at 12:19, Norm Into wrote:

>
>
> Hi all,

>
> I kid you not....this comes directly from the July 2002 issue of QST
> magazine...check it out.....
>
> Under "Special Events"
>
> Austin, TX: Naturist Amateur Radio Club, NU5DE. 0000Z Jul 8-2400Z July 14.
> 27th Annual North American Nude Awareness Celebration. 28.465 21.365 14.265
> 7.265. QSL. Naturist Amateur Radio Club, PO Box 200812, Austin, TX
> 78720-0812.
>
> I don't know about you, but I'm going to work THIS station.....I can't wait to
> see their QSL card!!! I wonder if they will send it in a discreet brown
> envelope! Hi Hi
>
> Doug

You may have trouble hearing them. Then will be operating barefoot.

--

/\ /\ /\ /\ /\ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
/ _/_ _/_ _/_ _/_ ARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 09 Jul 2002 18:54:11 +0200
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [129449] Re: OT - Handling Spam
Message-ID: <3D2B1533.703DDCE7@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Jim,

> I use a product called MailWasher. ...

WOW, a big THANK YOU for this information. This is the solution for the
spam mails here in my mailbox.

I think, I will send the \$20 twice. First to MailWasher (for the program)
and second to you (for the info). ;o)

HE SPAMER! The Program is now downloaded and installed. No Chance!

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Tue, 9 Jul 2002 10:22:59 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <k5di@zianet.com>
Subject: [129450] RE: QRP-L part
Message-ID: <GNEOLGDJDOPEALHJMKLCCEDOCGAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Don't bother ... they'll just get your new one anyway. I've been approached a million times by 'email mining software' vendors to do spam out of ByteMark (which I REFUSE to do ...) but I've reviewed their software closely, and they have amazing methods to get your email address.

They can pull addresses from way more than web pages. These software products can actually subscribe themselves to lists and have other stealth methods to 'mine' or 'drill down' email addresses. They claim to be able to get hundreds of thousands of email addresses daily. They have amazing filters as well - filters that can ignore all sorts of sources so that 'new' lists can be compiled on the fly.

Frankly, I'm impressed with the technology they have for doing this, I'm just not happy with what they do with the results.

Main thing is NEVER, and I mean NEVER, join any type of 'national remove list' or respond to those 'to be removed from our list ...' things in the spams ... all that does is confirm that you are a live email address, and it gets SOLD for higher prices than any other address!

And I mean selling ... there's big bucks in sucker lists. Suckers are people who respond, or try to 'remove' their email address by responding. It's amazing how much I've been offered for lists of clients and subscribers to my other web sites (I have ... um, 17 domains, similar to bytemark.com and airtalk.net ... grin)

Go check sites like www.spamhaus.org and others for good information on how

to actually reduce your spam. There are many other 'block lists' that work by blocking the spammer, not by noting anything at all regarding your email address. You should also be able to find various filter software that blocks known spam sites so that you never see those servers again.

It's good to know your enemies ...
Tracy N4LGH

To really fix it I need a new e-mail address and I can get that too. But it is a real problem for my friends.

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 9 Jul 2002 14:03:08 EDT
From: K5BDZ@aol.com
To: GQRP@yahoogroups.com, qrp-l@lehigh.edu
Subject: [129451] Antenna - NO feedlines
Message-ID: <1a1.4e5b867.2a5c7f5c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm getting the feeling that too many Good QRP folks feel they MUST have a feed-line going from the rig to the antenna.

Not So.

For years I've used the combo: Antenna tuner direct to Antenna. NO feed line. Simple. One arm of the antenna goes to the center conductor of the coax connector (via PL259 with binding post adaptor) and the other arm of the antenna connects to the rear ground screw of the antenna tuner.

OR both wires connect to the two connectors of a 4:1 balun on the tuner.

The various antennas I've used successfully include center fed dipoles, off-center fed dipoles, non-resonant antennas of every description, long wires and ground wires, loops, Vee's, W's, L's, long wires with counterpoises, crazy wires with equally crazy wire counterpoises / grounds, and you name it. You dream it, I did it.

Did they work?? Wow !!!! Almost every antenna worked better than the other one. 5 watts SSB into ZL land from Houston, Texas produced 5 x 9 sigs on 20 meters. Is that good enough for you?

G, F, DL, OH, and many others were also worked SSB/ CW, all worked QRP.

Look at it this way.... remember 10 years out of college and you were telling your friends, "I can't believe so many georgous women married nerds!"

Well, the "georgous men" were too afraid to try, ask, and take the chance to get turned down. The nerds did not fear the negative, so they asked the georgous women, were accepted, married and had wonderfully happy lives with beautiful wives.

I know... I'm one of those nerds with a beautiful wife, absolutely georgous daughter, and crazy simple wire antennas (no feedlines) that work like a dream!

Bill K5BDZ

Date: Tue, 9 Jul 2002 14:20:04 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-l@lehigh.edu, neqrp@jona1.net
Subject: [129452] NEQRP SSB NET tonight Tuesday 07:30PM EDST 7.287Mhz +- 5Khz
Message-ID: <0F88513C52.D9651275-0N85256BEB.0047E419@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Last weeks was short net with check-ins:

K2Q0	Mark	NY
N3XRV	Chris	PA

with N1VS checking in on 7.285 but lost hom QSYng to 7.287.

Am starting out at 7.287Mhz to avoid the QRO gang on 7.284.

Ron - N1ZSW

Date: Tue, 09 Jul 2002 10:25:09 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>

To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>,
QRP Canada <qrp-canada@neale.gpfn.sk.ca>
Subject: [129453] For Sale: Ten-Tec Argosy Model 525 HF Transceiver System
Message-ID: <3D2B2A85.DEE42CB8@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I am finally letting my Ten-Tec Argosy Model 525 HF Transceiver System go after 10 years in the AL7FS household. This classic is still one of the great sought after radios in the Ten-Tec line, especially the Analog, high serial numbered type units. This one is Serial number 1060.

A summary of costs if you have to chase down the parts:
Argosy = \$365 in good shape, minor scratches on top and side.
8-pole SSB (220) filter = \$50
8-pole CW (217) 500 Hz filter = \$50
upgraded 223 Noise Blanker = \$75 papers from TT to show wk done
226 crystal calibrator = \$50
224 audio cw filter = \$30
The Power supply is the matching Model 225 power supply = \$75
and I am including a microphone = \$40

This totals \$735.00 if broken apart and sold separately. With all these extras, YOU separate them out, sell them separately, you make the profit and you end up with a super great Argosy radio for a real steal!

Price for the package is \$495. You pay shipping and insurance.

This is the analog version of the Argosy, which is quieter than the digital and ALSO the most prized, updated design, which occurred after SN 425 or so... The front end mixer upgrade was very much prized for Better IMD and was more sensitive...This one is Serial number 1060.

The Audio filter doesn't seem to be activating so I do have a glitch in that filter. One Ten-Tec knowledgeable person suggests it is probably some simple power switch or plug to the AF filter board. "Too darn simple to crater...", says he. I have adjusted the price downward to cover this but you get the board anyway.

73, Jim
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Tue, 09 Jul 2002 14:36:52 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [129454] Re: The end fed 10m wire
Message-ID: <3.0.6.32.20020709143652.007ad180@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>through 1995 I used a 40 - 45 foot and fed long wire as my only
>antenna. I know this is slightly longer than 10 meters, but it is
>close! I had very good success with this antenna!

Just goes to show you can make contacts with just about any old piece of
wire if you can load into it! The moral is just because you can't put up a
"good" antenna, there's no reason not to have any antenna!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 09 Jul 2002 14:42:59 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [129455] email spam
Message-ID: <B950A6F3.11F4D%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang:

FYI... I did a Google search on my email address.. and yes... 109 hits of my
email address. All but three were on a website in Japan at an agricultural
school that appears to be archiving the QRP-L list.

Interesting.

And, BTW, searches on my "other" email addresses at the public email
entities, like Yahoo, Excite, Hotmail, etc., yielded =NO= matches.

Interesting.

73 de Ray
K2ULR
FN20t1

Date: Tue, 9 Jul 2002 14:51:09 EDT
From: K5BDZ@aol.com
To: kkanalz@mail.gcecisp.com
Cc: qrp-1@lehigh.edu
Subject: [129456] Re: Antennas With NO feedlines?
Message-ID: <9b.2a1c7ec9.2a5c8a9d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/9/02 1:45:42 PM Central Daylight Time,
kkanalz@mail.gcecisp.com writes:

<< And just how did you connect to the center of your "center-fed" dipole? >>

Good question Karl.

I just ran each center end of the antenna arms in through the window and directly to the antenna tuner. The tuners - over the years - have been in first floor (ground level) rooms up to 3rd floor rooms. Currently the ham shack is located on the 2nd floor and the tuner is 2' inside the window. Put black tape (to add protection against metal window closing on wire) on insulated #22 stranded green color insulation covered wire, and out the window it goes up into the trees. Green covering makes it 99.83% invisible.
Bill K5BDZ

Date: Tue, 09 Jul 2002 13:55:28 -0500
From: Vernon Berry <vern@sharif-munir.com>
To: qrp-1@lehigh.edu
Subject: [129457] New Power Supply
Message-ID: <00ae01c2277a\$31852d20\$e001a8c0@vernon>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

If you want to see the future of power supplies ,check out the "PeeWee Power" article in the latest issue of Smithsonian magazine.
How about a turbine generator the size of quarter that would power a laptop computer for a week! They just have to figure a way
to tame the heat generated. Maybe the excess heat would heat a tent or suit
for FYBO!

Vern, NN5E

Date: Tue, 09 Jul 2002 15:07:49 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [129458] Re: New Power Supply
Message-ID: <5.1.0.14.1.20020709150639.00a6c630@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:55 PM 7/9/2002 -0500, you wrote:

>If you want to see the future of power supplies ,check out the "PeeWee
>Power" article in the latest issue of Smithsonian magazine.
>How about a turbine generator the size of quarter that would power a laptop
>computer for a week! They just have to figure a way
>to tame the heat generated. Maybe the excess heat would heat a tent or suit
>for FYBO!

Vern,

Sounds like a Field Day coffee warmer to me. Or REAL "direct heating" for
the cathode of a tube final.

Dave

"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 9 Jul 2002 13:55:20 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: K5BDZ@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [129459] Re: Antenna - NO feedlines
Message-ID: <Pine.LNX.4.44.0207091346380.3128-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 Jul 2002 K5BDZ@aol.com wrote:

> I'm getting the feeling that too many Good QRP folks feel they MUST have a
> feed-line going from the rig to the antenna.
>
> Not So.

Your right Bill. Depending on the situation. If I have a home in a condo on the fourth floor and the wife allows the Ham Shack near an outside window I would have a antenna tuner with it's back to the window. I would have 44 or 88 feet wire run out the window to something.

The ground post I would run direct to an artificial ground with the longest counterpoise I could use. The MFJ tuners will tune this to all bands and you will get out just fine.

Many Hams today use this sort of feedline-less setup to good effect. But in my case I have a 60 foot tower with a 6 element beam on a rotator. I must have 75 feet of feedline so it's important to me.

>
> For years I've used the combo: Antenna tuner direct to Antenna. NO feed
> line. Simple. One arm of the antenna goes to the center conductor of the
> coax connector (via PL259 with binding post adaptor) and the other arm of the
> antenna connects to the rear ground screw of the antenna tuner.
>
> OR both wires connect to the two connectors of a 4:1 balun on the tuner.
>
> The various antennas I've used successfully include center fed dipoles,
> off-center fed dipoles, non-resonant antennas of every description, long
> wires and ground wires, loops, Vee's, W's, L's, long wires with
> counterpoises, crazy wires with equally crazy wire counterpoises / grounds,
> and you name it. You dream it, I did it.
>
> Did they work?? Wow !!!! Almost every antenna worked better than the other
> one. 5 watts SSB into ZL land from Houston, Texas produced 5 x 9 sigs on 20

> meters. Is that good enough for you?
>
> G, F, DL, OH, and many others were also worked SSB/ CW, all worked QRP.
>
> Look at it this way.... remember 10 years out of college and you were telling
> your friends, "I can't believe so many georgous women married nerds!"
>
> Well, the "georgous men" were too afraid to try, ask, and take the chance to
> get turned down. The nerds did not fear the negative, so they asked the
> georgous women, were accepted, married and had wonderfully happy lives with
> beautiful wives.
>
> I know... I'm one of those nerds with a beautiful wife, absolutely georgous
> daughter, and crazy simple wire antennas (no feedlines) that work like a
> dream!
>
> Bill K5BDZ
>

--

Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Tue, 09 Jul 2002 12:57:11 -0400
From: Ed Lawson <k1vp@grizzly.com>
To: w2agn@w2agn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [129460] Re: [psk31] Special Event Station on Next Sunday
Message-ID: <3D2B15E7.7000400@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

W2AGN wrote:

>On 6 Jul 2002 at 12:19, Norm Into wrote:
>
>
>
>>Austin, TX: Naturist Amateur Radio Club, NU5DE. 0000Z Jul 8-2400Z July 14.
>>27th Annual North American Nude Awareness Celebration. 28.465 21.365 14.265
>>7.265. QSL. Naturist Amateur Radio Club, PO Box 200812, Austin, TX
>>78720-0812.
>>

>>
>>
>>
>
>
>You may have trouble hearing them. Then will be operating barefoot.
>
>
>
>
Any notice of SSTV operations?

Ed Lawson
K1VP

>
>

Date: Tue, 9 Jul 2002 16:06:48 EDT
From: K5BDZ@aol.com
To: kkanalz@mail.gcecisp.com, qrp-1@lehigh.edu, GQRP@yahoogroups.com
Subject: [129461] Re: Antennas With No feedlines
Message-ID: <a.2196b63f.2a5c9c58@aol.com>
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In a message dated 7/9/02 2:51:41 PM Central Daylight Time,
kkanalz@mail.gcecisp.com writes:

<< describe how each "center end of the dipole antenna" was supported between
the feedpoint of the "dipole", through your window and to your nearby tuner.

Did you tape the wires together? Did you use some sort of spacer(s) and was
the "feedline" length part of the center-fed dipole overall length? >>

More good questions.

Currently the closed window on the wire provides enough stress relief that I
don't need any other relief to keep the antenna legs from "pulling my tuner
out the window"... Ha!

Previously, I've used a long insulator, tying the antenna leg wires to each
respective insulator end, and tying the middle of the insulator to the table

/ window / wall (etc) to provide strain relief to the wire / tuner junction.

Counting feet and inches?? In the "no feedline mode" count from the antenna tuner connector to the end of the wire in each leg, that is if you're looking for a certain length.

Me? I throw an antenna wire up into the tree, run the other end in through the window to the tuner, and cut off the wire at the tuner. Length? I use the "old fashioned method" of measurement... does it work? If so, it's the right length. If not, add a little, cut a little, and try again.

Building antennas does not require a "cook book"... the best antennas you've ever used are a "pinch, dab and handful" of what ever it is you have on hand.

Look at all the different antennas around you. Someone had to try a different approach for each one, and found it worked. Make that someone YOU and have at it... then instead of someone telling you "it can't be done" ...they'll be asking you ..."how'd you do it???"

Bill K5BDZ

End of QRP-L Digest 2611
